

#37
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PATENT APPLICATION: US/09/142,524C

DATE: 02/14/2003

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Input Set : N:\efs\09142524\SPO-103_ST25_2sub.txt
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5 <110> APPLICANT: Sone, Toshio
 7 Kume, Akinori
 9 Dairiki, Kazuo
 11 Iwama, Akiko
 13 Kino, Kohsuke
 17 <120> TITLE OF INVENTION: Peptide-Based Immunotherapeutic Agent for Treating Allergic

Diseases

21 <130> FILE REFERENCE: SPO-103
 25 <140> CURRENT APPLICATION NUMBER: US 09/142,524C
 27 <141> CURRENT FILING DATE: 1998-09-09
 31 <150> PRIOR APPLICATION NUMBER: PCT/JP97/00740
 33 <151> PRIOR FILING DATE: 1997-03-10
 37 <160> NUMBER OF SEQ ID NOS: 174
 41 <170> SOFTWARE: PatentIn version 3.1

45 <210> SEQ ID NO: 1
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51 <213> ORGANISM: Cryptomeria japonica

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 58 1 5 10 15
 61 Phe Ile Lys Arg Val Ser Asn Val Ile Ile His Gly Arg Arg Ile Asp
 62 20 25 30
 65 Ile Phe Ala Ser Lys Asn Phe His Leu Gln Lys Asn Thr Ile Gly Thr
 66 35 40 45
 69 Gly Arg Arg Ile Ser Leu Lys Leu Thr Ser Gly Lys Ile Ala Ser Arg
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 73 Arg Val Asp Gly Ile Ile Ala Ala Tyr Gln Asn Pro Ala Ser Trp Lys
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81 <212> TYPE: PRT

83 <213> ORGANISM: Cryptomeria japonica

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 94 20 25 30
 97 Ile Phe Ala Ser Lys Asn Phe His Leu Gln Lys Asn Thr Ile Gly Thr
 98 35 40 45
 101 Gly Arg Arg Trp Lys Asn Asn Arg Ile Trp Leu Gln Phe Ala Lys Leu
 102 50 55 60
 105 Thr Gly Phe Thr Leu Met Gly Arg Arg Leu Lys Met Pro Met Tyr Ile
 106 65 70 75 80

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 110 85 90 95
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 114 100 105
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 130 1 5 10 15
 133 Phe Ile Lys Arg Val Ser Asn Val Ile Ile His Gly Arg Arg Ile Asp
 134 20 25 30
 137 Ile Phe Ala Ser Lys Asn Phe His Leu Gln Lys Asn Thr Ile Gly Thr
 138 35 40 45
 141 Gly Arg Arg Trp Lys Asn Asn Arg Ile Trp Leu Gln Phe Ala Lys Leu
 142 50 55 60
 145 Thr Gly Phe Thr Leu Met Gly Arg Arg Pro Leu Trp Ile Ile Phe Ser
 146 65 70 75 80
 149 Gly Asn Met Asn Ile Lys Leu Lys Met Pro Met Tyr Ile Ala Gly Tyr
 150 85 90 95
 153 Lys Thr Phe Asp Gly Arg Arg Ala Glu Val Ser Tyr Val His Val Asn
 154 100 105 110
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 161 Asn Pro Ala Ser Trp Lys
 162 130
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 201 Phe Lys Val Glu Arg Arg Phe Ile Lys Arg Val Ser Asn Val Ile
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Input Set : N:\efs\09142524\SP0-103_ST25_2sub.txt
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330 20
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381 <223> OTHER INFORMATION: Cryj1 peptide, Figure 1, Row 1
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407 <223> OTHER INFORMATION: Cryj1 peptide, Figure 1, Row 2
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431 <222> LOCATION: (1)..(15)
433 <223> OTHER INFORMATION: Cryj1 peptide, Figure 1, Row 3
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439 Asp Ser Asn Trp Ala Gln Asn Arg Met Lys Leu Ala Asp Cys Ala.

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Input Set : N:\efs\09142524\SP0-103_ST25_2sub.txt
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459 <223> OTHER INFORMATION: Cryj1 peptide, Figure 1, Row 4
463 <400> SEQUENCE: 18
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483 <222> LOCATION: (1)..(15)
485 <223> OTHER INFORMATION: Cryj1 peptide, Figure 1, Row 5
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499 <212> TYPE: PRT
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509 <222> LOCATION: (1)..(15)
511 <223> OTHER INFORMATION: Cryj1 peptide, Figure 1, Row 6
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551 <212> TYPE: PRT
553 <213> ORGANISM: Cryptomeria japonica

VERIFICATION SUMMARY

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